RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

| Application Serial Number: | 10/541, 270A |
|----------------------------|--------------|
| Source: | PCT. |
| Date Processed by STIC: | 03/06/2006 |
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ENTERED



PCT

RAW SEQUENCE LISTING DATE: 03/06/2006
PATENT APPLICATION: US/10/541,270A TIME: 15:16:17

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4 <110> APPLICANT: Monaci, Paolo
             Nuzzo, Maurizio
     5
     6
             La Monica, Nicola
     7
             Ciliberto, Gennaro
             Lahm, Armin
     8
     10 <120> TITLE OF INVENTION: RHESUS HER2/NEU, NUCLEOTIDES ENCODING
                                                                         CP (6)
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    13 <130> FILE REFERENCE: ITR0043YP
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/541,270A
C--> 16 <141> CURRENT FILING DATE: 2005-07-01
     18 <150> PRIOR APPLICATION NUMBER: PCT/EP03/14997
     19 <151> PRIOR FILING DATE: 2003-12-29
     21 <150> PRIOR APPLICATION NUMBER: 60/437,846
    22 <151> PRIOR FILING DATE: 2003-01-03
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| | Gin | Arg | Leu | | Ile | vaı | Arg | GIY | | GIn | Leu | Phe | GIU | _ | Asn | Tyr |
| 117 | 77. | T 011 | . ה ר | 100 | Ton | 7 02 | 7 ~~ | C1 | 105 | T 011 | T 011 | 7 ~~ | 7 00 | 110 | TTh ac | Dwo |
| 119 | AIA | пеп | 115 | vai | Leu | Asp | ASII | 120 | Asp | ьец | пеп | ASII | 125 | 1111 | 1111 | PIO |
| | Val | Thr | | Δla | Ser | Pro | Glv | | T.eu | Ara | Glu | T.e.ii | | T.e.ii | Ara | Ser |
| 121 | • | 130 | 017 | | 001 | 110 | 135 | 017 | | 9 | 014 | 140 | 0141 | шси | **** 9 | 501 |
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| | 225 | Arg | Cys | цуъ | GIY | 230 | пец | FIO | 1111 | Asp | 235 | Cys | птъ | GIU | GIII | 240 |
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| | Val | Ara | Ala | | Thr | Ser | Ala | Asn | | Gln | Glu | Phe | Ala | | Cvs | Lvs |
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| | _ | nea | AIA | Arg | пец | 870 | ASP | 116 | ASP | GIU | 875 | Giu | ıyı | птэ | Ата | 880 |
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| 221 | D | 930 | O | mla sa | T1. | 7 | 935 | (Tle eac | Mot | T1. | Mak | 940 | T | O | (T) | M-+ |
| | | тте | Cys | Inr | тте | _ | vai | TYL | met | тте | Met | vaı | гуѕ | Cys | пр | |
| | 945 | 7 | C = | ~1 | C | 950 | Dwa | 7 | Dha | 7 | 955 | T | 7707 | C | a 1 | 960 Dho |
| | шe | Asp | ser | GIU | _ | Arg | Pro | Arg | Pne | _ | Glu | ьeu | vai | ser | | Pne |
| 225 | 0 | 7 | Wot | 77. | 965 | 7 ~~ | Dwa | <u>ما ۳</u> | 7 | 970 | 17n 7 | 7707 | 71. | 01 = | 975 | ~1 |
| | ser | Arg | Met | | Arg | Asp | Pro | GIN | - | Pne | Val | vai | тте | | ASI | GIU |
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| | Asp | Leu | _ | PIO | AIA | ser | PIO | | _ | ser | Thr | Pne | _ | - | ser | ьeu |
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| | Leu | 1010 | _ | Asp | ASP | Mec | 1019 | _ | ьеи | Val | Asp | 1020 | | Gru | TAT | теп |
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| | 102 | | GIII | GIII | GIY | 1030 | | Cys | PIO | Asp | 103 | | PIO | GIY | 1111 | 1040 |
| | | | 77-1 | Ti a | Uic | | | 7.20 | 602 | cor | Ser | | 7 ~~ | Cor | Gl v | |
| 235 | GIY | Mec | vaı | nis | 1049 | _ | птэ | Arg | ser | 105 | | 1111 | Arg | SET | 105! | _ |
| | C111 | Λαn | Lou | Thr | | | T 011 | C111 | Dro | | Glu | G111 | Cl 11 | 777 ~ | | |
| 237 | GIY | ASP | ьец | 1060 | | СТУ | пеп | GIU | 106! | | GIU | GIU | Giu | 1070 | | Arg |
| | Cor | Dro | Ara | | | Sor | Glu | Glaz | | | Ser | Aen | V>1 | | | Glv |
| 239 | SCI | FIO | 107 | | FIO | SCI | GIU | 1080 | | Gry | Ser | rsp | 108 | | ASP | Gry |
| | Acn | T.011 | | | Glaz | Δla | Δla | | | T.011 | Gln | Ser | | | בומ | Hic |
| 241 | лор | 1090 | | NCC | Gry | AIG | 1099 | | Gry | неи | GIII | 1100 | | 710 | AIG | 1113 |
| | Acn | | | Dro | T.011 | Gln | | | Sar | Glu | Asp | | | Wal | Dro | T.011 |
| | 110 | | Der | 110 | цец | 1110 | | - y - | SCI | GIU | 1119 | | 1111 | Val | FIO | 1120 |
| | | | Glu | Thr | Aen | | | 77 a 7 | ת 1 ת | Dro | Leu | | Cvc | Sar | Dro | |
| 245 | FIO | SEL | GIU | 1111 | 112 | _ | TYT | vai | Ата | 113 | | 1111 | Cys | Der | 1135 | |
| | Dro | Glu | Туг | TeV | | | Dro | λαn | 17 = 1 | | Pro | Gln | Dro | Dro | | |
| 247 | FIO | GIU | ıyı | 1140 | | GIII | FIU | Asp | 114! | _ | FIU | GIII | FIO | 1150 | | FIO |
| | Cln | C3.1 | C111 | | | Cor | Dro | 71- | | | Thr | C1 11 | 717 | | | Clu |
| 248 | GIII | GIU | 115! | | neu | Ser | LTO | 1160 | _ | FIO | TIIL | сту | 1169 | | ъсп | GIU |
| | 7/ *~ | Dro | | | Low | S.~~ | Dro | | | 7.~~ | C1 | 77-7 | | | 7 ~~ | ר ביז |
| | Αrg | 1170 | | TILL | пeп | ser | 1179 | _ | пÀg | ASII | Gly | | | ьуѕ | Азр | val |
| 251 | Dha | | | C1 | 61. - | 7 J ~ | | | 7 ~~ | Dwa | ~ 1 | 1180 | | λ Ι | Dres | 7.~~ |
| | | | rne | GIA | GTÀ | | | GIU | ASI | PLO | Glu | _ | ьeu | AId | PLO | _ |
| 453 | 1189 |) | | | | 1190 | J | | | | 119 | > | | | | 1200 |

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/541,270A

DATE: 03/06/2006 TIME: 15:16:18

Input Set : A:\ITR0043YP SEQLIST.TXT
Output Set: N:\CRF4\03062006\J541270A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:41; Xaa Pos. 517,647,1075

VERIFICATION SUMMARY

DATE: 03/06/2006

PATENT APPLICATION: US/10/541,270A

TIME: 15:16:18

Input Set : A:\ITR0043YP SEQLIST.TXT . Output Set: N:\CRF4\03062006\J541270A.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:512

M:341 Repeated in SeqNo=41